CLAIM AMENDMENTS

1. (Currently Amended) A <u>computer readable storage media comprising a</u> collection of data ~~stored on a computer system~~ relating to multiple instances of multiple entity types, the ~~data collection~~ <u>computer readable storage media</u> comprising:

a <u>computer readable memory having a</u>) a plurality of data cells ~~stored on the computer system~~ containing all of the data in the collection, with each <u>data</u> cell being a data construct containing

      i) a single instance identifier value identifying one specific instance of a specific entity type;

      ii) a single attribute type identifier value identifying one specific attribute type for the specific entity type; and

      iii) an attribute value for the identified one specific attribute type, such that each <u>data</u> cell contains the attribute value for only the one specific attribute type and for only the one specific instance of the specific entity type and does not contain the attribute value for any other attribute type or any other instance of the specific entity type;

wherein each <u>data</u> cell is self-identifying.

2. (Original) The data collection of claim 1, wherein each data cell further contains:

      iv) a single entity identifier value identifying the specific entity type.

3. (Currently Amended) The data collection of claim 2, wherein ~~all~~ <u>at least two data</u> cells having the same instance identifier value and the same entity identifier value together define a cell set containing all of the data in the collection relating to the one specific instance of the one specific entity type.

4. (Currently Amended) The data collection of claim 2, wherein at least one <u>data</u> cell has an attribute value that contains multiple, separate values relating to the specific attribute type of the specific instance of the specific entity type.

5. (Currently Amended) The data collection of claim 2, wherein each <u>data</u> cell has only four fields relating to actual data, the four fields containing the instance identifier value, the entity identifier value, the attribute type identifier, and the attribute value.

6. (Currently Amended) The data collection of claim 5, wherein no two <u>data</u> cells contain the same values in all of the four fields.

7-14. (Cancelled)

15. (Currently Amended) A <u>method of creating a</u> collection of data cells stored on a computer system, wherein each <u>data</u> cell contains a single element of data relating to a specific instance of an entity, the <u>method</u> <s>collection</s> comprising:

    a) <u>creating</u> a first and a second data cell stored on the computer system, both having the same format and fields, the first and second data cell each containing a first field, a second field, a third field, and a fourth field, each field having a value;

    b) <u>creating</u> a linking cell stored on the computer system defining an association between the first <u>data</u> cell and the second <u>data</u> cell, the linking cell having four fields each having values, the value of two of the fields of the linking cell being the same as the values of the first and second fields of the first <u>data</u> cell; the value of the remaining two fields of the linking cell being the same as the values of the first and second fields of the second <u>data</u> cell.

16. (Currently Amended) The <u>method</u> <s>data collection</s> of claim 15, wherein the linking cell has the same format as the first and second <u>data</u> cells.

17. (Currently Amended) The <u>method</u> <s>data collection</s> of claim 16, wherein the linking cell utilizes a flag to indicate that the linking cell contains linking information.

18. (Currently Amended) The <u>method</u> <s>data collection</s> of 16, wherein the first, second, and linking cells each contain the following four fields as their first, second, third, and fourth fields:

    i)   an entity instance field;

    ii) an entity type field;

    iii) an attribute type field; and

    iv) an attribute value field.

19. (Currently Amended) The <u>method</u> <s>data collection</s> of claim 18, wherein the linking cell contains the entity instance field value and the entity type field value of the first <u>data</u> cell as the values of its own entity instance field and its entity type field, respectively; and further wherein the linking cell contains the entity instance field value and the entity type field value of the second <u>data</u> cell as the values of its own attribute value field and its attribute type field, respectively.

20. (Currently Amended) The <u>method</u> <s>data collection</s> of claim 19, further comprising a second linking cell also having an entity instance field, an entity type field, an attribute type field, and an attribute value field, wherein the second linking cell

-3-

contains the entity instance field value and the entity type field value of the second data cell as the values of its own entity instance field and its entity type field, respectively; and further wherein the second linking cell contains the entity instance field value and the entity type field value of the first data cell as the values of its own attribute value field and its attribute type field, respectively.

21-23. (Cancelled)